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 781-235-1200

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 781-239-5987

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 1050 Massachusetts Avenue
 Cambridge, MA 02138
 617-492-7000

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 Boston, MA 02210
 617-210-1600

Structural Engineer **GOLDSTEIN MILANO**
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 Reading, MA 01867
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Landscape Architect **STEVEN STIMSON ASSOCIATES**
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 Cambridge, MA 02139
 617-876-8960

Civil Engineer **NITSCH ENGINEERING**
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 Boston, MA 02108
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Traffic Engineer **TEPP LLC**
 800 Turnpike Street, Suite 300
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Geotech Survey **McPHAIL Associates, LLC**
 2269 Massachusetts Ave
 Cambridge, MA 02140
 617-868-1420

Site Survey **VHB**
 101 Walnut Street
 Watertown, MA 02472
 617-607-2753

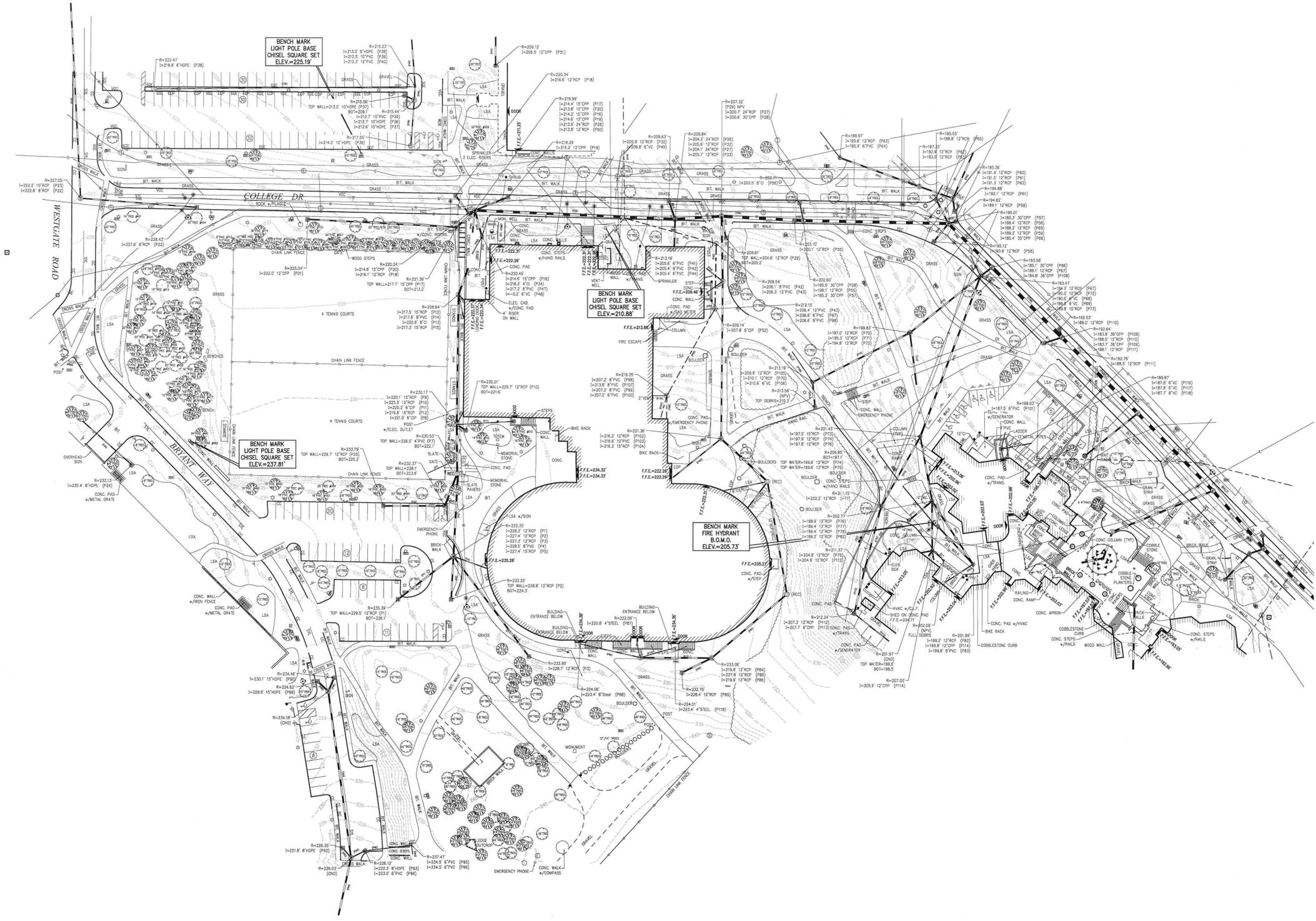
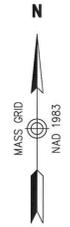
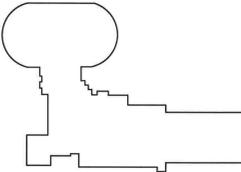


WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION

APPLICATION FOR REVIEW OF PROJECT OF SIGNIFICANT IMPACT DEFINITIVE SUBMISSION PROJECT PLANS

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- Legend**
- DRAIN MANHOLE
 - ⊗ CATCH BASIN
 - ⊙ SEWER MANHOLE
 - ⊕ ELECTRIC MANHOLE
 - ⊘ TELEPHONE MANHOLE
 - MANHOLE
 - ⊖ HAND HOLE
 - ⊗ WATER GATE
 - ⊕ FIRE HYDRANT
 - ⊙ GAS GATE
 - ⊖ BOLLARD w/LIGHT
 - ⊕ STREET SIGN
 - ⊙ LIGHT POLE
 - ⊖ UTILITY POLE
 - ⊕ GUY POLE
 - ⊖ GUY WIRE
 - ⊗ MONITORING WELL
 - ⊕ WELL
 - ⊙ FLOOD LIGHT
 - ⊖ MARSH
 - F.F.E.=45.27' FINISHED FLOOR ELEVATION COULD NOT OPEN
 - NPV NO PIPES VISIBLE
 - DVL DOUBLE YELLOW LINE
 - DWL DASHED WHITE LINE
 - SYL SINGLE WHITE LINE
 - LSA LANDSCAPED AREA
 - EDGE OF PAVEMENT
 - CONC CURB
 - VERTICAL GRANITE CURB
 - SLOPED GRANITE EDGE
 - BITUMINOUS BERM
 - BITUMINOUS CURB
 - GUARD RAIL
 - CHAIN LINK FENCE
 - DRAINAGE LINE
 - SEWER LINE
 - OVERHEAD WIRE
 - UNDERGROUND ELECTRIC
 - TELEPHONE LINE
 - GAS LINE
 - WATER LINE
 - STONE WALL
 - TREE LINE
 - 100' BUFFER ZONE
 - 100-FT RIVER FRONT AREA
 - 200-FT RIVER FRONT AREA
 - LIMIT OF BANK
 - VEGETATED WETLAND BOUNDARY



General Notes

- 1) THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY VHB, INC. BETWEEN MAY, 2016 AND SEPTEMBER, 2016.
- 2) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
- 3) HORIZONTAL DATUM IS BASED ON MASS. GRID SYSTEM, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO NGVD OF 1929. TO CONVERT TO TOWN OF WELLESLEY DATUM ADD 5.50'.
- 4) THE TREE SYMBOL OUTLINE SHOWN ON THIS PLAN DOES NOT REPRESENT THE ACTUAL TREE CANOPY.
- 5) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND MAY BE SUBJECT TO ADDITIONAL INFORMATION DISCLOSED IN SUCH.

Record Owner
 BABSON COLLEGE
 231 FOREST STREET
 WELLESLEY, MASS.

Number	Revision	Date

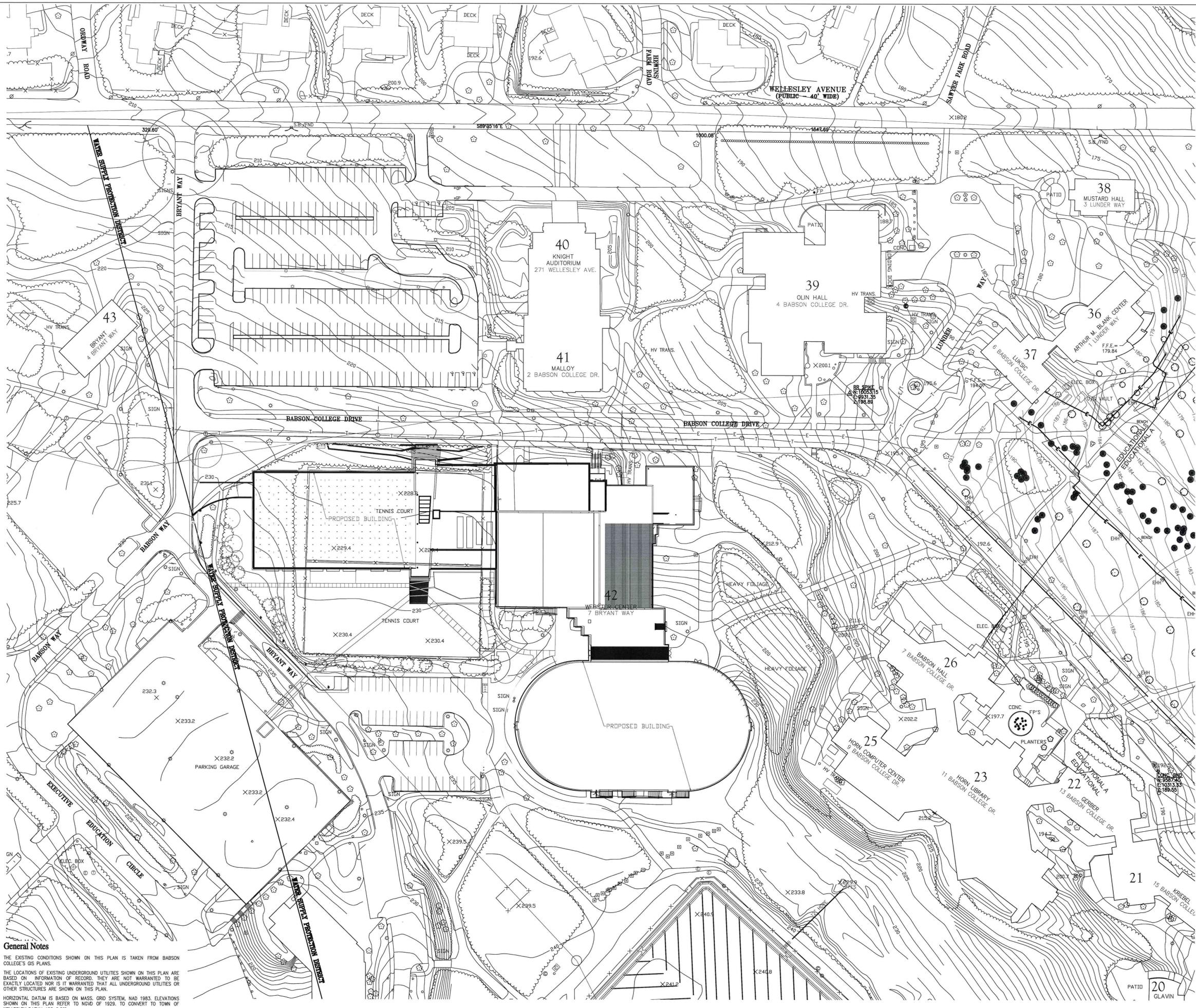
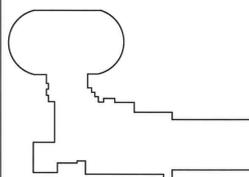


Cambridge Seven Associates, Inc.
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Job # 13557.00
 Project WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION
 Drawn By LG Checked RJB
 Date 10/03/2016

Scale
 Drawing Title
Existing Site Features Plan

G1.0



- Legend**
- DRAIN MANHOLE
 - CATCH BASIN
 - SEWER MANHOLE
 - ELECTRIC MANHOLE
 - TELEPHONE MANHOLE
 - MANHOLE
 - HAND HOLE
 - WATER GATE
 - FIRE HYDRANT
 - GAS GATE
 - BOLLARD w/LIGHT
 - STREET SIGN
 - LIGHT POLE
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 - FLOOD LIGHT
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 - F.F.E. = 45.27 FINISHED FLOOR ELEVATION
 - CNO CNOULD NOT OPEN
 - NPV NO PIPES VISIBLE
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 - EDGE OF PAVEMENT
 - CONCRETE CURB
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 - CHAIN LINK FENCE
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 - OVERHEAD WIRE
 - UNDERGROUND ELECTRIC
 - TELEPHONE LINE
 - GAS LINE
 - WATER LINE
 - STONE WALL
 - TREE LINE
 - 100' BUFFER ZONE
 - 100-FT RIVER FRONT AREA
 - 200-FT RIVER FRONT AREA
 - LIMIT MEAN ANNUAL HIGH WATER
 - LIMIT OF BANK
 - VEGETATED WETLAND BOUNDARY

- General Notes**
- 1) THE EXISTING CONDITIONS SHOWN ON THIS PLAN IS TAKEN FROM BABSON COLLEGE'S GIS PLANS.
 - 2) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
 - 3) HORIZONTAL DATUM IS BASED ON MASS. GRID SYSTEM, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO NGVD OF 1929. TO CONVERT TO TOWN OF WELLESLEY DATUM ADD 5.50'.
 - 4) THE TREE SYMBOL OUTLINE SHOWN ON THIS PLAN DOES NOT REPRESENT THE ACTUAL TREE CANOPY.
 - 5) THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED LOCATION OF THE WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION PROJECT (TAKEN FROM CAD DRAWING BY CAMBRIDGE SEVEN ASSOCIATES) ON A WIDER VIEW OF THE CAMPUS. SEE EXISTING CONDITIONS DRAWING FOR DETAIL SURVEY OF PROJECT AREA.



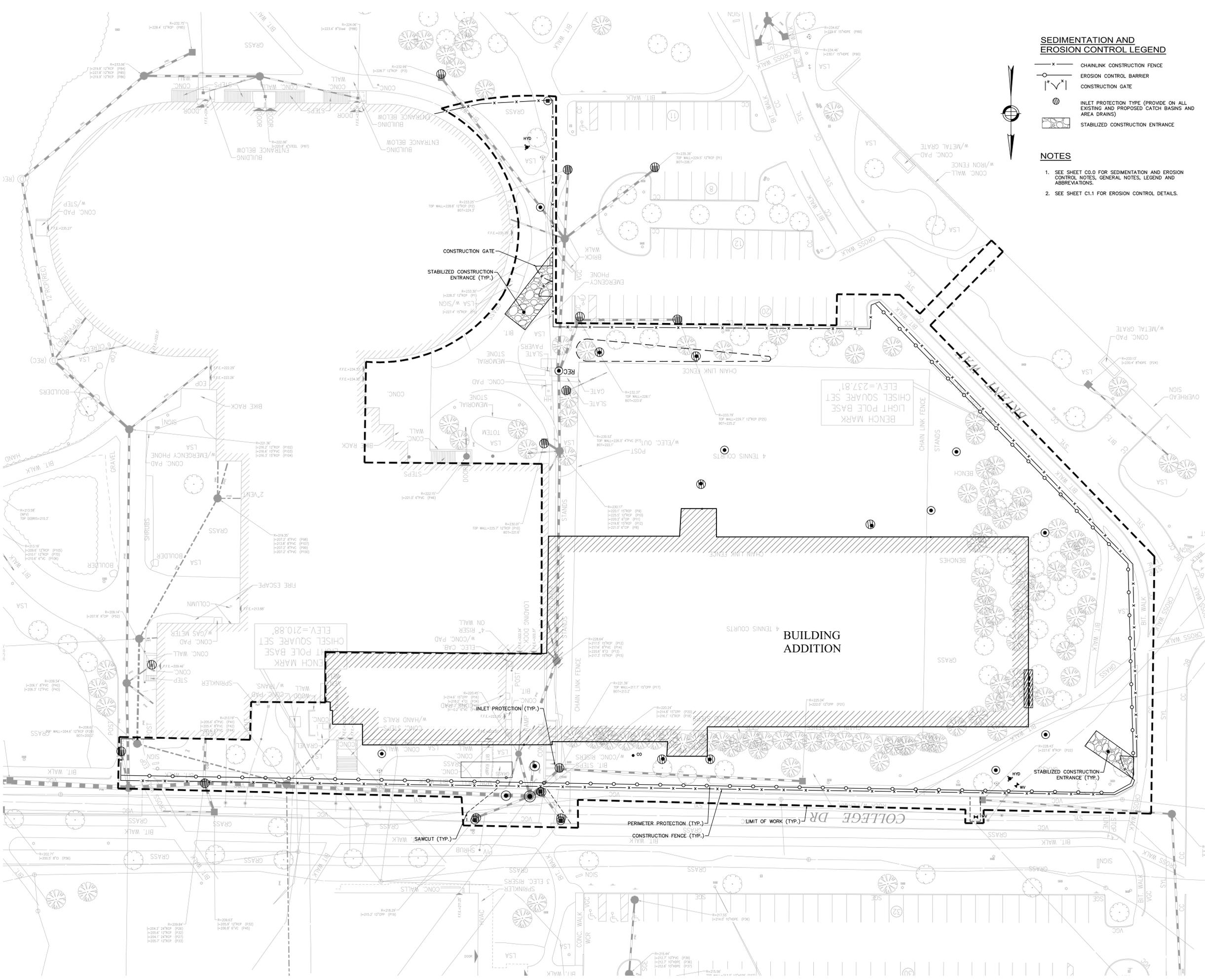
Number	Revision	Date



Cambridge Seven Associates, Inc.
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Job #	13557.00
Project	WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION
Drawn By	LG
Checked	RJB
Date	10/03/2016
Scale	
Drawing Title	Context Plan

G2.0

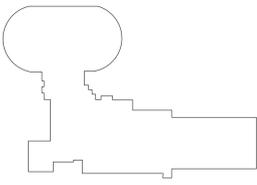


SEDIMENTATION AND EROSION CONTROL LEGEND

- CHAINLINK CONSTRUCTION FENCE
- EROSION CONTROL BARRIER
- CONSTRUCTION GATE
- INLET PROTECTION TYPE (PROVIDE ON ALL EXISTING AND PROPOSED CATCH BASINS AND AREA DRAINS)
- STABILIZED CONSTRUCTION ENTRANCE

NOTES

1. SEE SHEET C0.0 FOR SEDIMENTATION AND EROSION CONTROL NOTES, GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE SHEET C1.1 FOR EROSION CONTROL DETAILS.

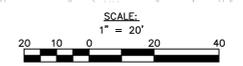


Number	Rev.	Date

Cambridge Seven Associates, Inc.
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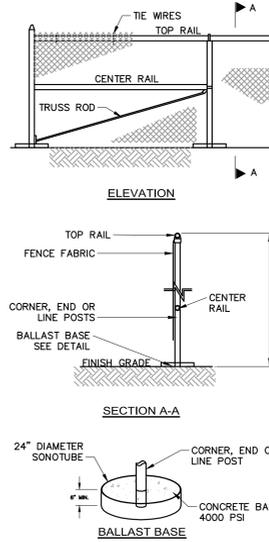
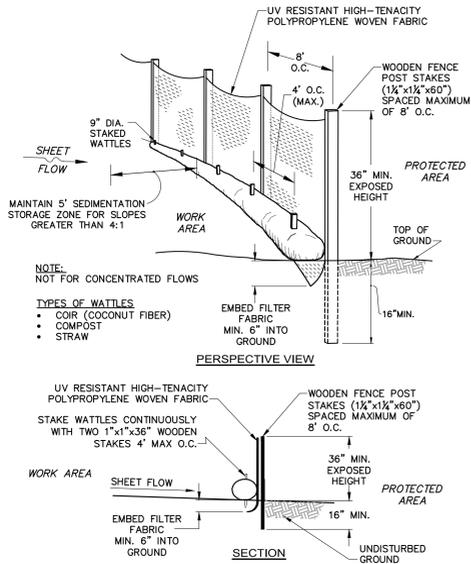
Job # 1608.00
Project WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION
Drawn By JLY
Date 10/13/2016
Scale 1" = 20'

Site Erosion Control Plan

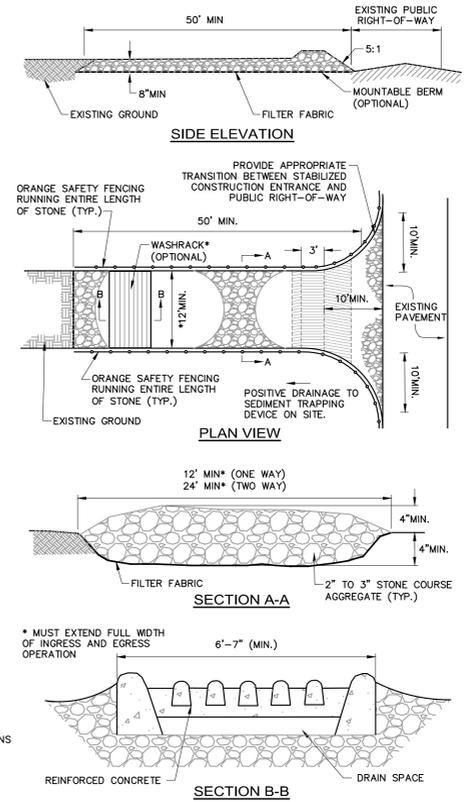
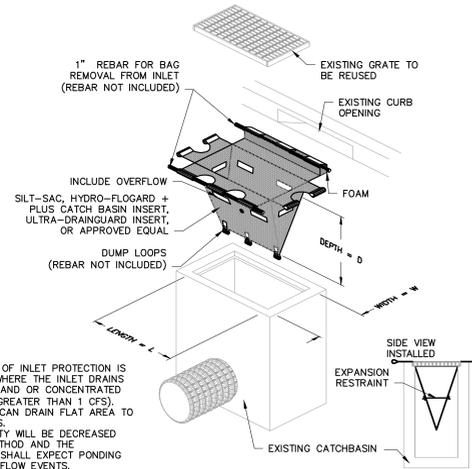
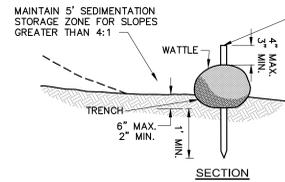


NOTES

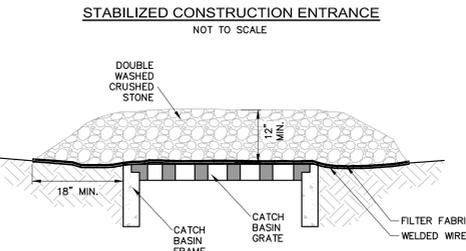
- SEE SHEET C0.0 FOR SEDIMENTATION AND EROSION CONTROL NOTES, GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- SEE SHEET C1.1 FOR LOCATIONS OF EROSION CONTROLS AND CONSTRUCTION FENCE AND GATES.



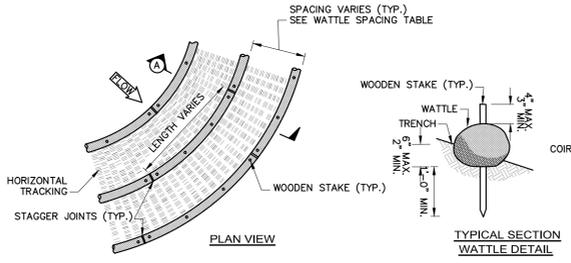
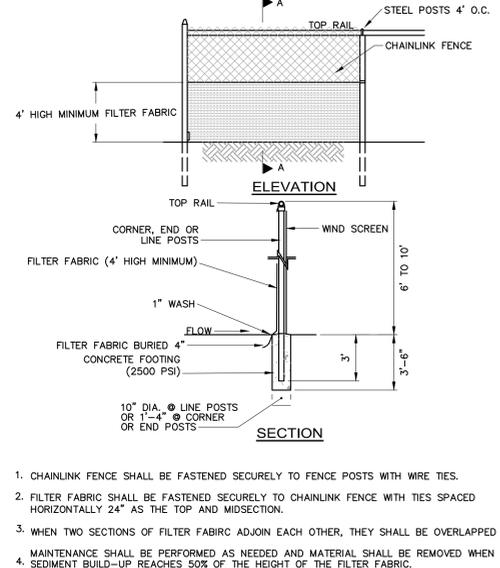
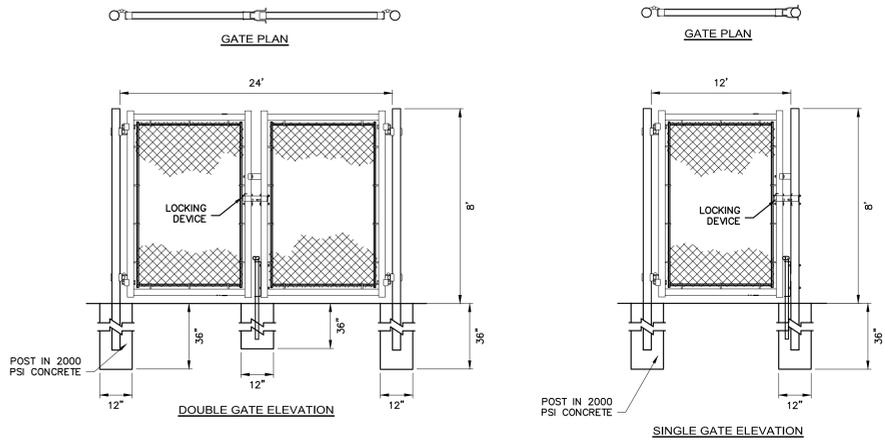
- NOTES**
- END, GATE AND CORNER POSTS SHALL BE BRACED TO ADJACENT LINE POSTS. (MORE THAN 30° CHANGE IN DIRECTION CONSTITUTES A CORNER)
 - FABRIC SHALL BE 0.148" GAUGE MIN. WIRE, WOVEN INTO APPROXIMATELY 2" DIAMOND MESH.
 - ZINC-COATED STEEL FABRIC BASE METAL SHALL BE COATED WITH PRIME WESTERN SPECTER OR EQUAL.
 - ALUMINUM COATED STEEL FABRIC BASE METAL SHALL BE COATED WITH ALUMINUM ALLOY.
 - LINE POSTS SHALL BE 2 1/4" O.D. END OR CORNER POSTS SHALL BE 3" O.D.
 - THE CONTRACTOR IS RESPONSIBLE FOR SURFACE RESTORATION ONCE THE FENCE IS REMOVED.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE TEMPORARY CONSTRUCTION FENCE AT THE CONCLUSION OF THE PROJECT.



- CONSTRUCTION SPECIFICATIONS**
- STONE SIZE - USE 2" TO 3" STONE.
LENGTH - GREATER THAN OR EQUAL TO 50 FEET
THICKNESS - 8"
WIDTH - TWELVE FOOT MINIMUM (ONE WAY), TWENTY FOUR FOOT MINIMUM (TWO WAY), BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- SURFACE WATER** - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHALL BE PERMITTED.
- MAINTENANCE** - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED.

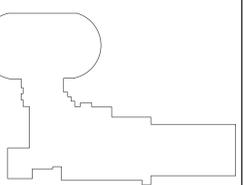
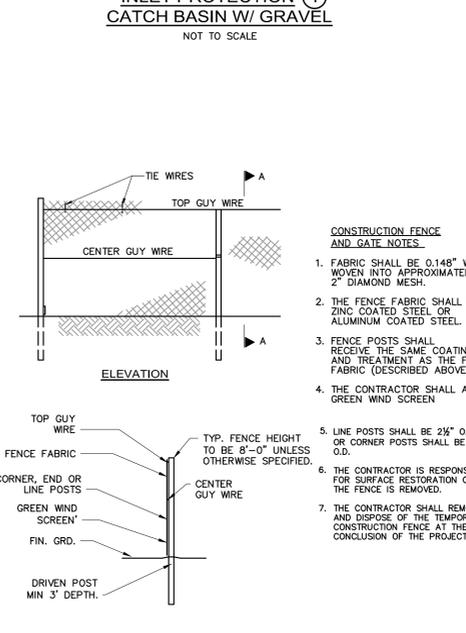
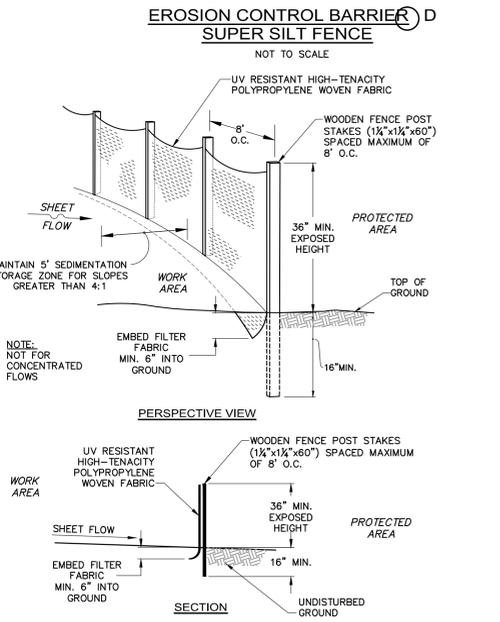
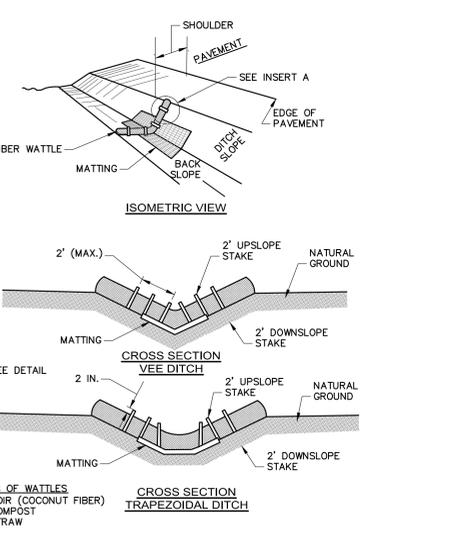


- INLET PROTECTION (1)
CATCH BASIN W/ GRAVEL**
NOT TO SCALE



WATTLE SPACING TABLE	
SLOPE	MAX. SPACING
1:1	10'-0"
2:1	20'-0"
3:1	30'-0"
4:1	40'-0"

- WATTLE SLOPE PROTECTION NOTES:**
- SECURELY KNOT EACH END OF WATTLE, BUT ADJACENT WATTLES TIGHTLY, END TO END, WITHOUT OVERLAPPING THE ENDS.
 - PILOT HOLES MAY BE DRIVEN THROUGH THE WATTLES AND INTO THE SOIL WHEN SOIL CONDITIONS REQUIRE.
 - WATTLES SHALL BE INSPECTED REGULARLY, AND IMMEDIATELY AFTER A RAINFALL, PRODUCES RUNOFF, TO ENSURE THEY REMAIN THOROUGHLY ENTRENCHED AND IN CONTACT WITH THE SOIL.
 - ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.



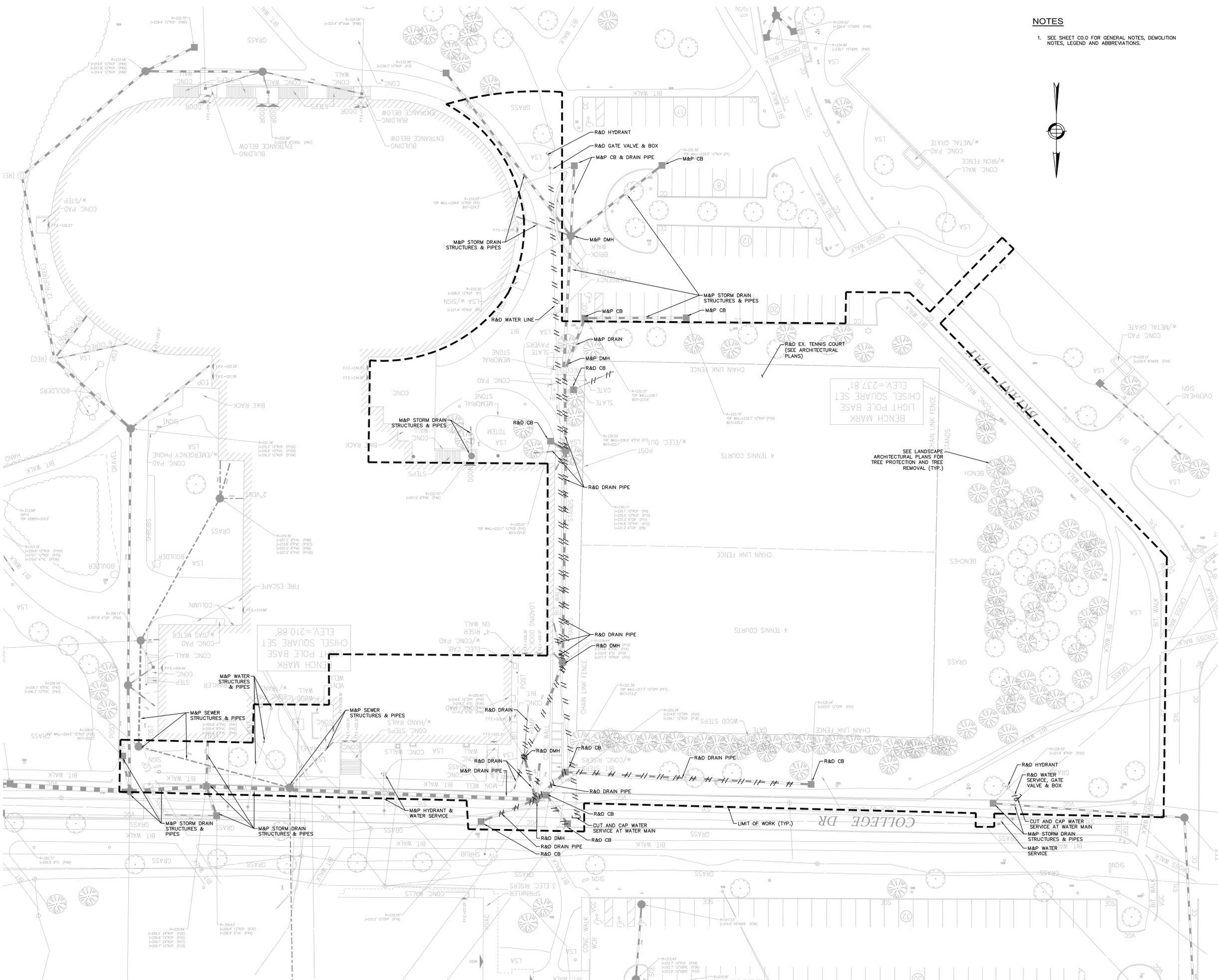
Number	Revised	Date

Nitech Engineering
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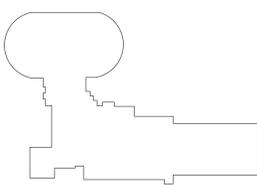
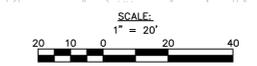
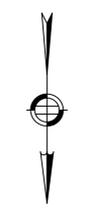
Cambridge Seven Associates, Inc.
Architects and Planners
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000 Fax 492-7007

Job #	1608.00
Project	WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION
Drawn By	JLY
Check'd	
Date	10/13/2016
Scale	1" = 20'

Site Erosion Control Details



NOTES
 1. SEE SHEET C0.0 FOR GENERAL NOTES, DEMOLITION NOTES, LEGEND AND ABBREVIATIONS.



Number	Revision	Date

Cambridge Seven Associates, Inc.
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Job # 1608.00
 Project WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION
 Date 10/13/2016
 Scale 1" = 20'

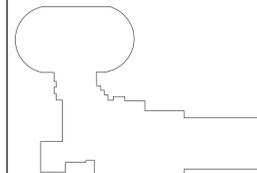
Site Utility Demolition Plan



BABSON

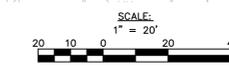
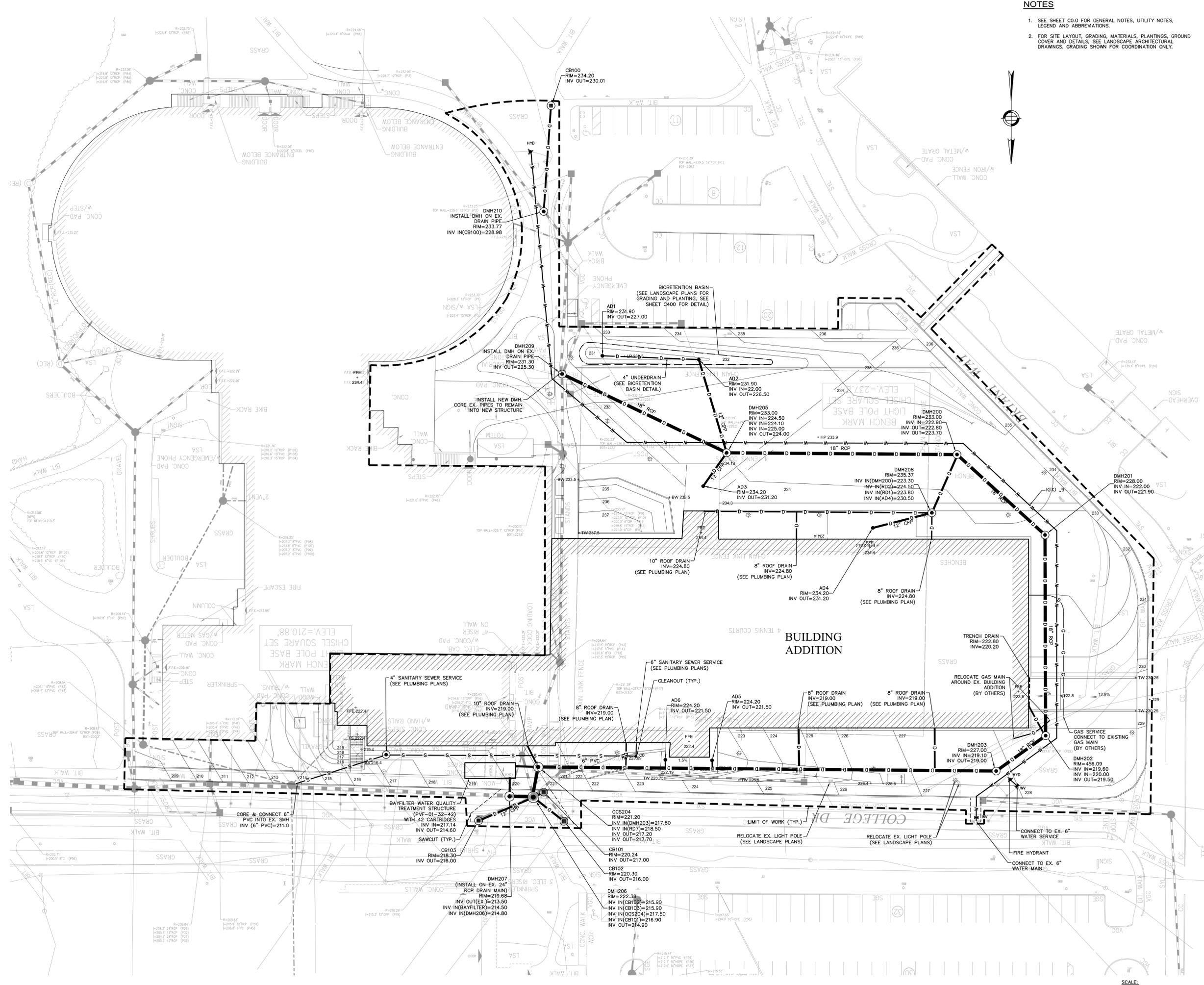
WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION

TOWN OF WELLESLEY PROJECT OF SIGNIFICANT IMPACT



NOTES

- SEE SHEET C0.0 FOR GENERAL NOTES, UTILITY NOTES, LEGEND AND ABBREVIATIONS.
- FOR SITE LAYOUT, GRADING, MATERIALS, PLANTINGS, GROUND COVER AND DETAILS, SEE LANDSCAPE ARCHITECTURAL DRAWINGS. GRADING SHOWN FOR COORDINATION ONLY.



Number	Revision	Date

Nitsch Engineering
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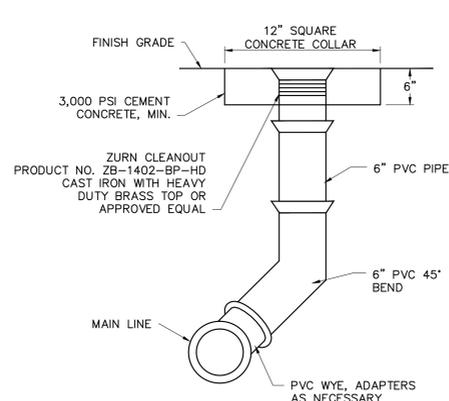
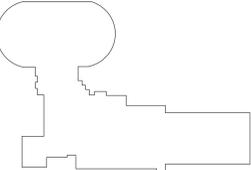
Cambridge Seven Associates, Inc.
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 617 452-1000 Fax: 482-7007

1608.00
 WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION

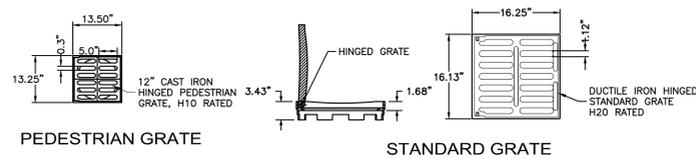
10/13/2016
 Scale: 1" = 20'

Site Utility Plan

C3.0

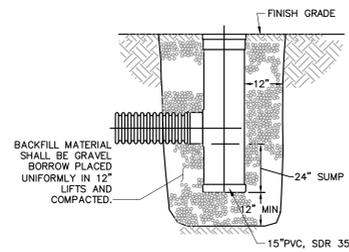


TYPICAL CLEANOUT DETAIL
NOT TO SCALE

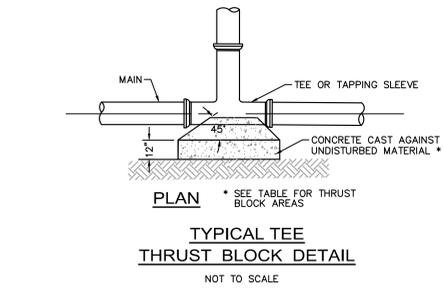


PEDESTRIAN GRATE

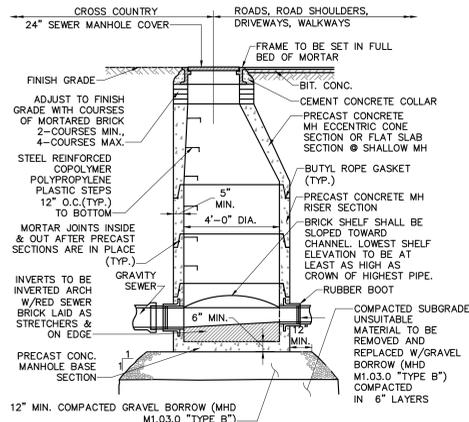
STANDARD GRATE



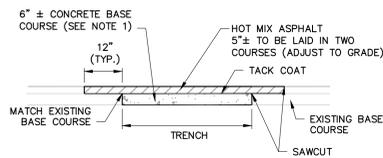
15-INCH AREA DRAIN
NOT TO SCALE



TYPICAL TEE THRUST BLOCK DETAIL
NOT TO SCALE



TYPICAL SEWER MANHOLE DETAIL
NOT TO SCALE



PAVEMENT RESTORATION OVER TRENCH DETAIL
NOT TO SCALE

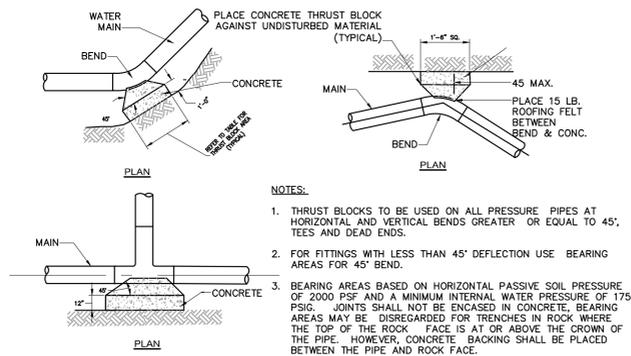
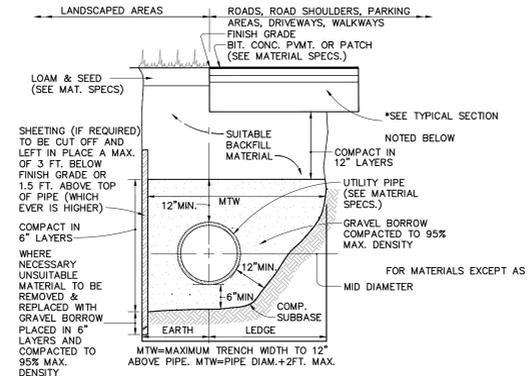


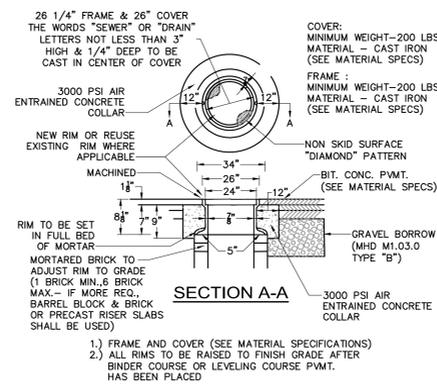
TABLE OF BEARING AREAS IN SQUARE FEET AGAINST UNDISTURBED MATERIAL FOR FITTING.

SIZE OF MAIN (INCHES)	90° BEND (S.F.)	45° BEND (S.F.)	DEAD END (S.F.)
2 & 4	2.3	1.3	1.6
6	4.7	2.5	3.3
8	8.0	4.5	6.0
12	17.0	9.5	12.0

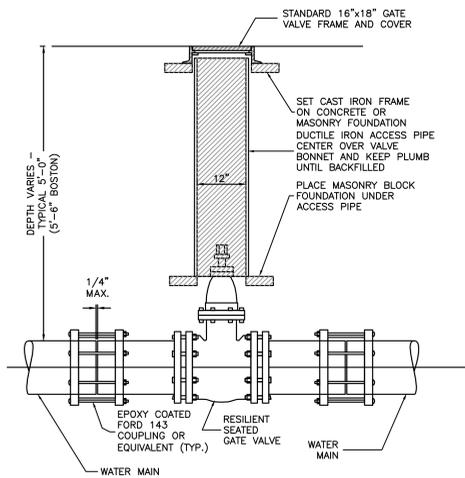
THRUST BLOCK DETAILS
NOT TO SCALE



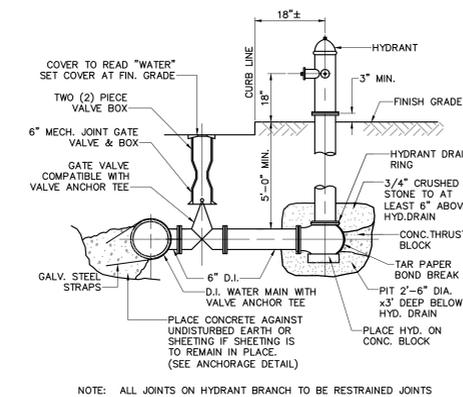
STANDARD TRENCH DETAIL FOR UTILITY PIPE
NOT TO SCALE



MANHOLE FRAME, COVER & SETTING DETAIL
NOT TO SCALE



GATE VALVE DETAIL
NOT TO SCALE



FIRE HYDRANT DETAIL
NOT TO SCALE



Number	Revision	Date

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Job # 1608.00

Project WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION

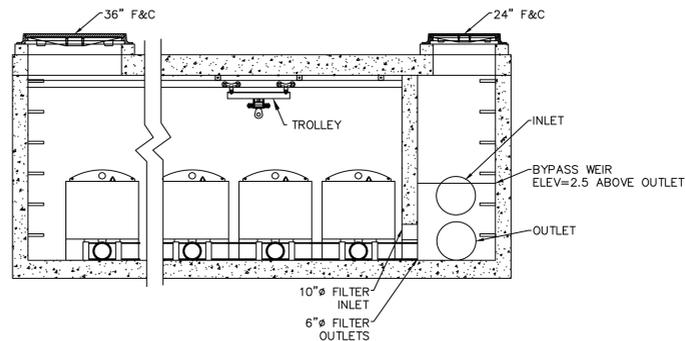
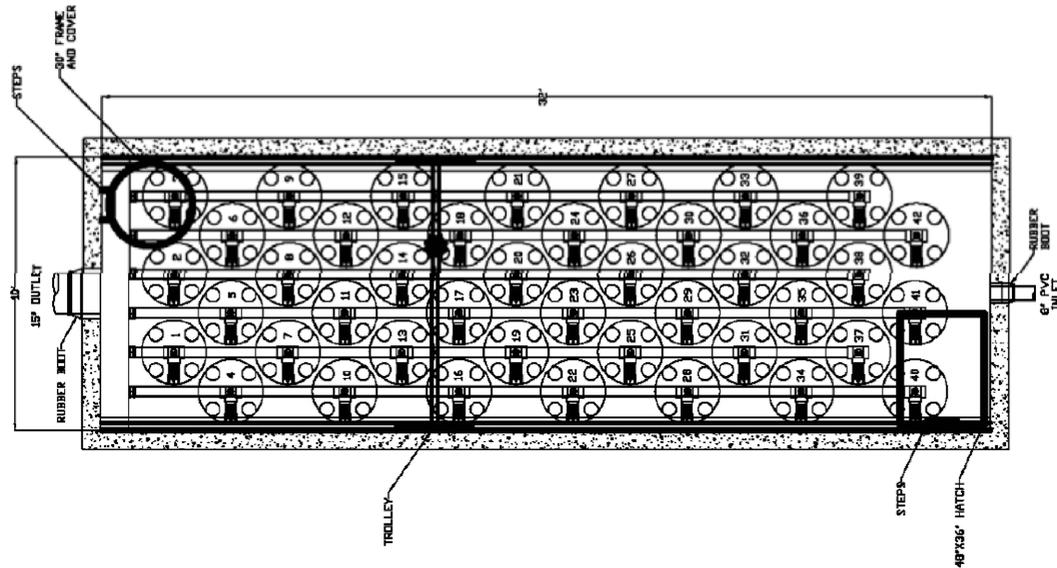
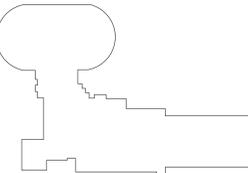
Drawn By JLY Checked

Date 10/13/2016

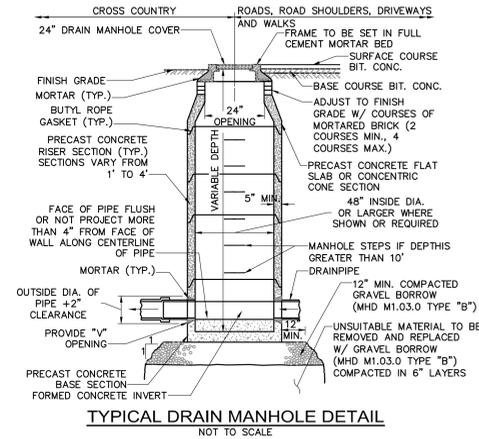
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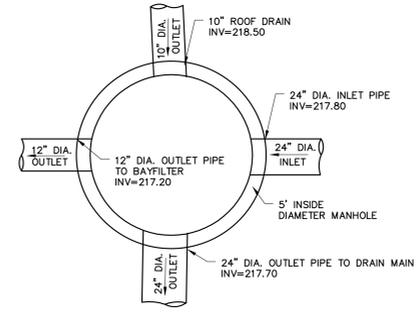
Site Utility Details Sheet I



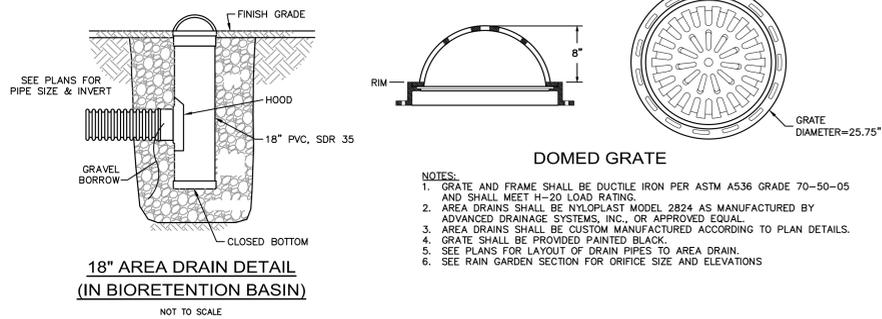
BAYFILTER TREATMENT STRUCTURE
(PVF - 10-32-42)
NOT TO SCALE



TYPICAL DRAIN MANHOLE DETAIL
NOT TO SCALE

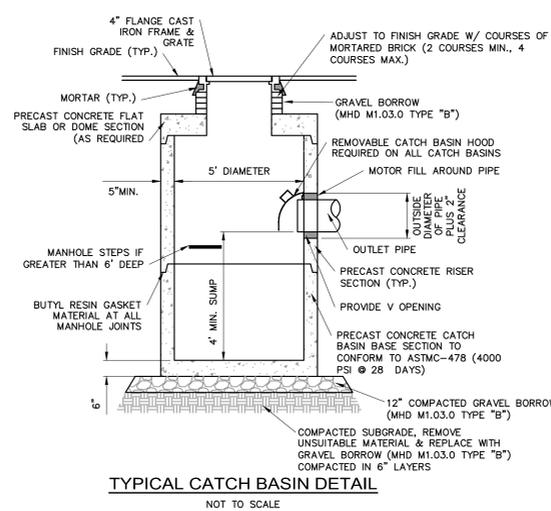


OUTLET CONTROL STRUCTURE (OCS204)
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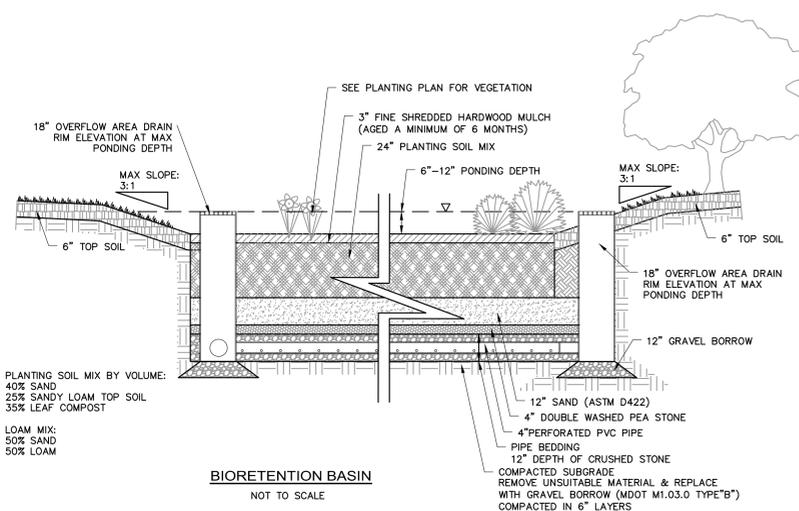


18" AREA DRAIN DETAIL
(IN BIORETENTION BASIN)
NOT TO SCALE

- DOMED GRATE**
- NOTES:
1. GRATE AND FRAME SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05 AND SHALL MEET H-20 LOAD RATING.
 2. AREA DRAINS SHALL BE NYLOPLAST MODEL 2824 AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC., OR APPROVED EQUAL.
 3. AREA DRAINS SHALL BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
 4. GRATE SHALL BE PROVIDED PAINTED BLACK.
 5. SEE PLANS FOR LAYOUT OF DRAIN PIPES TO AREA DRAIN.
 6. SEE RAIN GARDEN SECTION FOR ORIFICE SIZE AND ELEVATIONS.



TYPICAL CATCH BASIN DETAIL
NOT TO SCALE



BIORETENTION BASIN
NOT TO SCALE



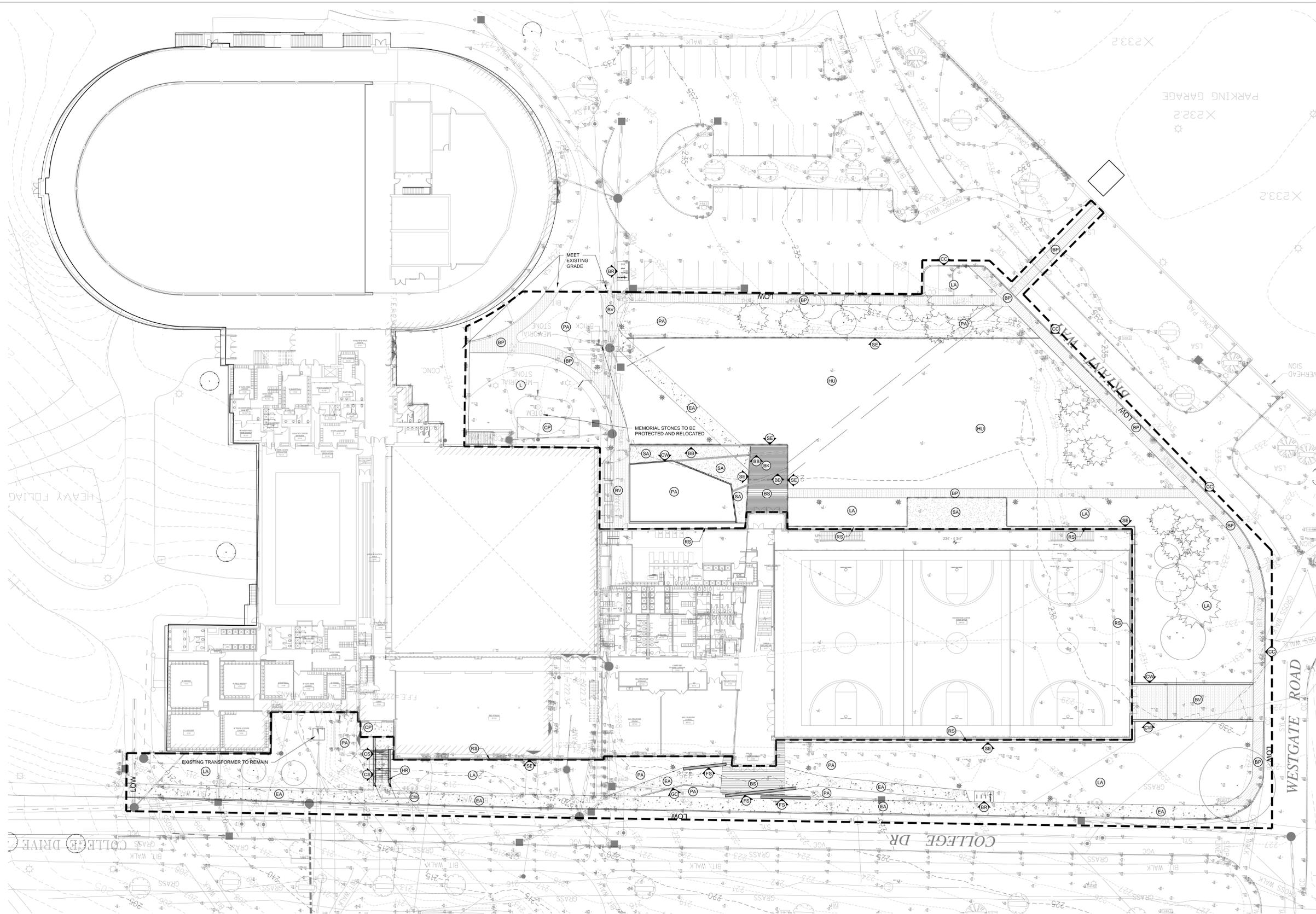
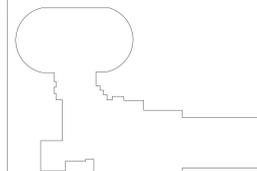
Number	Revisions	Date

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Job #	1608.00
Project	WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION
Drawn by	JULY
Date	10/13/2016
Scale	NOT TO SCALE

Site Utility Details
Sheet II



Number	Revision	Date

MATERIALS LEGEND

CP	CONCRETE PAVING	RS	2.3" RIVER STONE MAINTENANCE EDGE, 24" WIDE	LA	LAWN
EA	EXPOSED AGGREGATE CONCRETE 2/L3.1	SE	STEEL EDGING	HL	HIGH USE LAWN WITH FIBERS
BP	BITUMINOUS CONCRETE - PEDESTRIAN 3/L3.1	SW	CONCRETE RETAINING WALL	PA	PLANTED AREA
BV	BITUMINOUS CONCRETE PAVING - VEHICULAR 4/L3.1	CS	CONCRETE STEPS	BR	BIKE RACK
BS	BLUESTONE PAVERS ON CONCRETE BASE 5/L3.1	CC	CONCRETE CURB	*	LIGHT POST - CAMPUS STANDARD (12-14')
BK	BRICK PAVERS ON CONCRETE	GR	GRANITE CURB		
BB	BLUESTONE BAND	HR	STAINLESS STEEL HANDRAIL		
SA	STABILIZED AGGREGATE 1/L3.1				
SW	CONCRETE RETAINING WALL				
FW	FIELDSTONE SEAT WALL				

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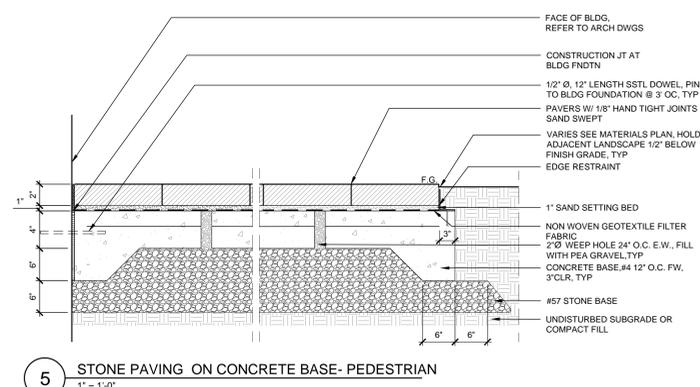
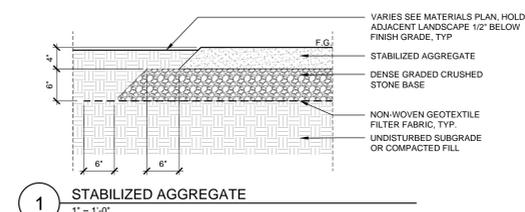
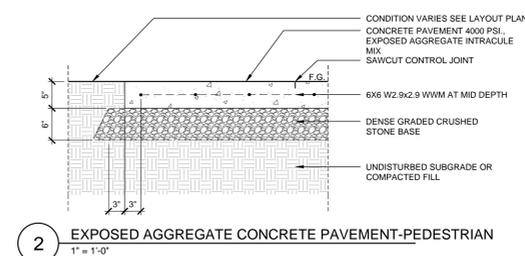
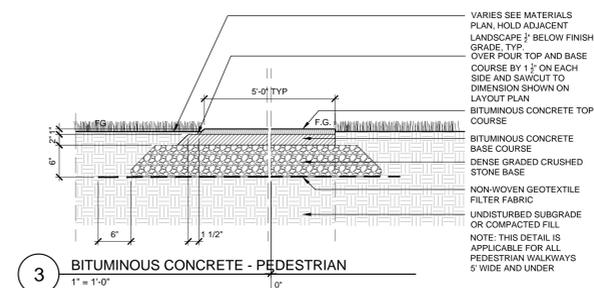
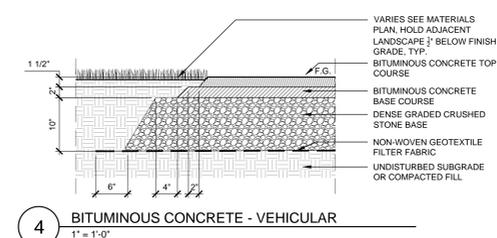
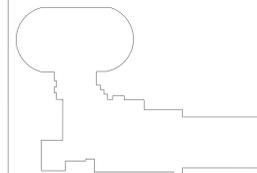
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Job # 1608.00
Project WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION
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Drawing Title
MATERIALS PLAN



L1.0



Number	Revision	Date
1	PERMIT SUBMISSION	09/15/16

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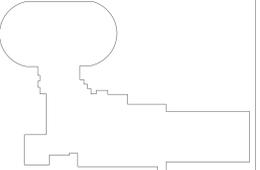
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PAVING DETAILS

L1.1

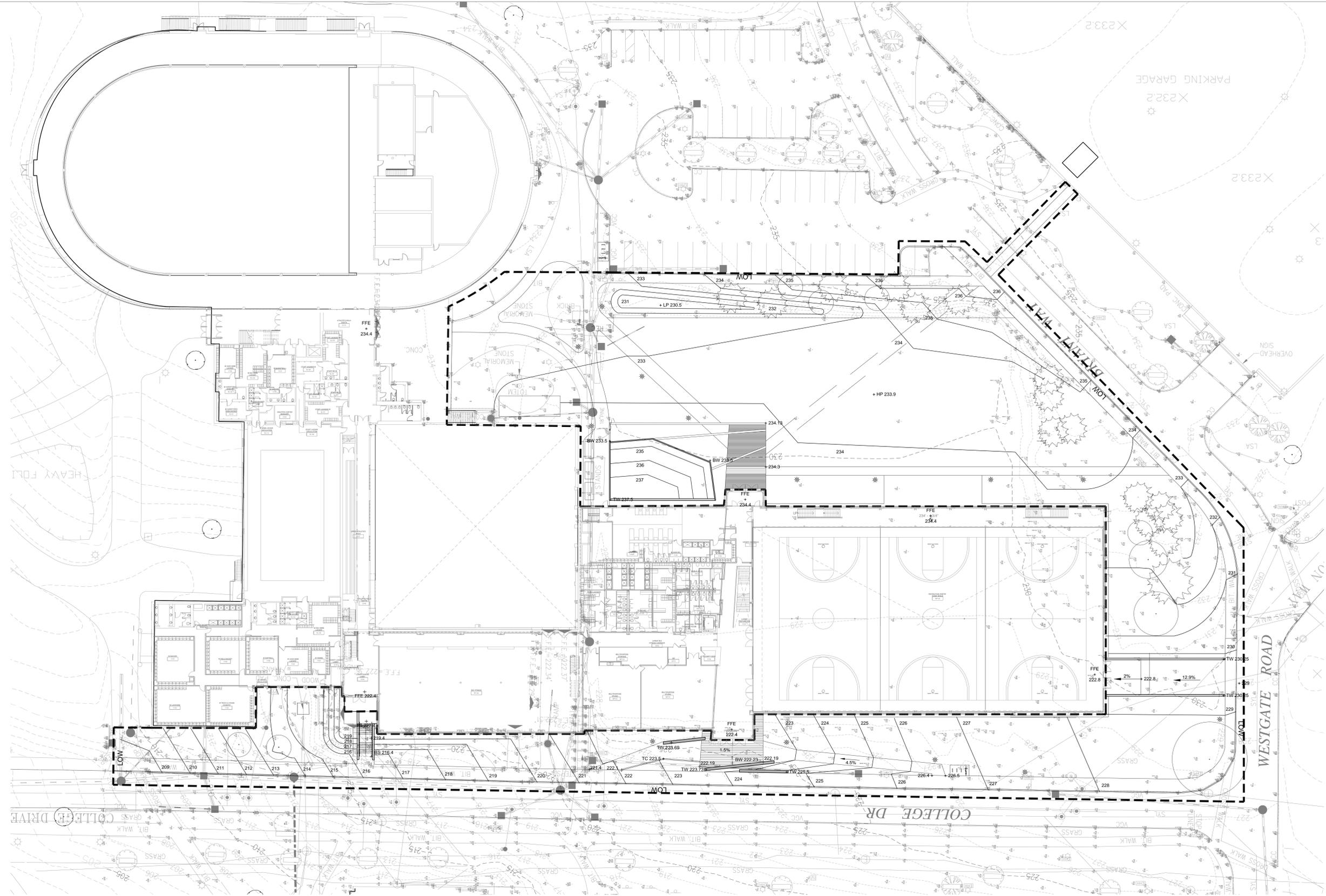


WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION

TOWN OF WELLESLEY PROJECT OF SIGNIFICANT IMPACT



Number	Revision	Date



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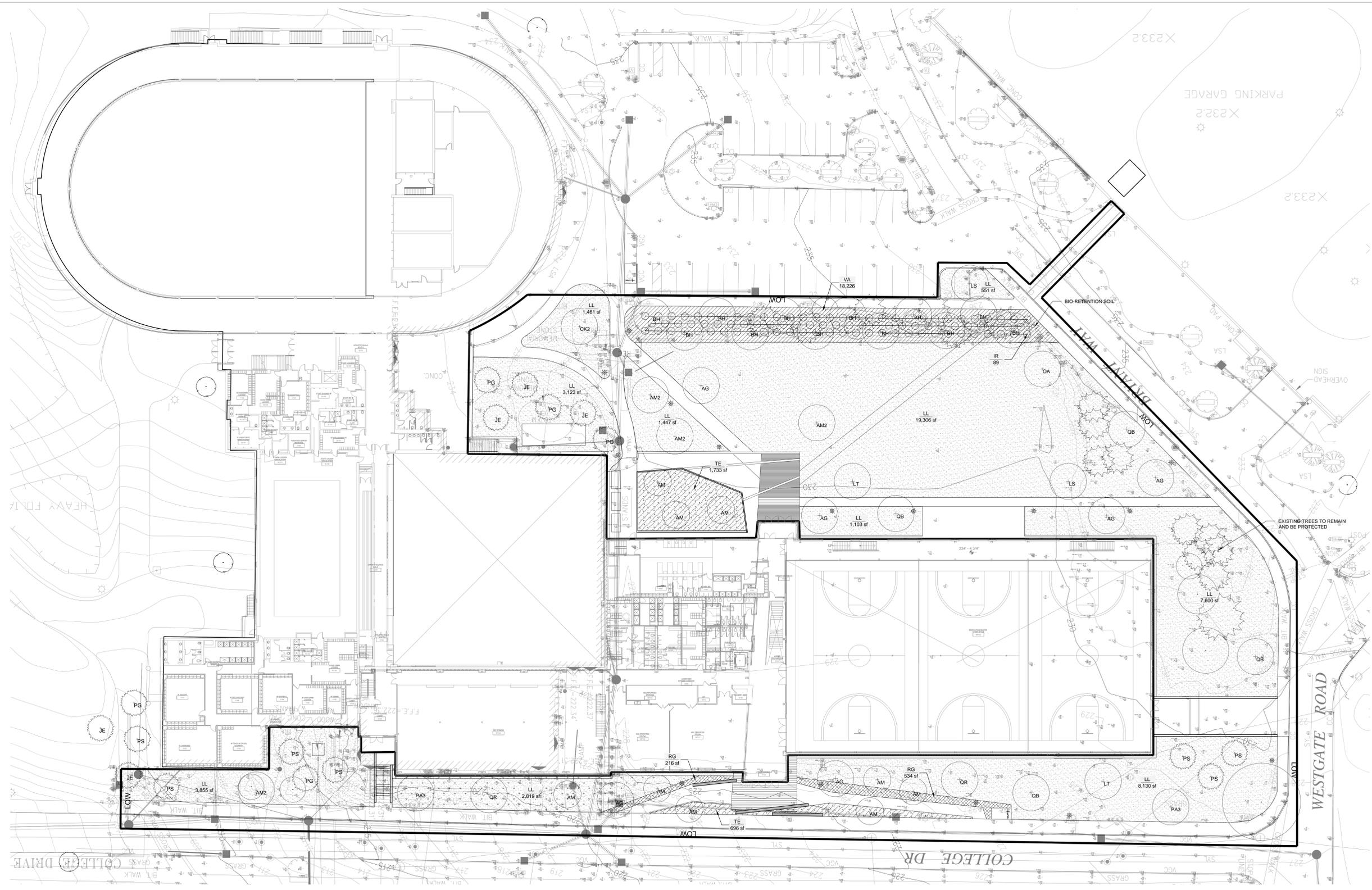
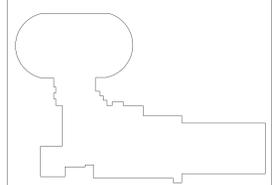
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Drawing Title
GRADING PLAN



L2.0



PLANT SCHEDULE

TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY	REMARKS
AG	Acer rubrum 'October Glory' TM / October Glory Maple	B & B	4"Cal		6	
AM2	Acer saccharum 'Green Mountain' TM / Green Mountain Sugar Maple	B & B	4"Cal		4	
AM	Amelanchier canadensis / Shadblow Serviceberry Multitrunk	B & B	3"Cal		9	
BH	Betula nigra 'Heritage' / Heritage River Birch	B & B	4"Cal		12	
CK2	Cladrasia kentukea / American Yellowwood	B & B	4"Cal		1	
JE	Juniperus virginiana / Eastern Red Cedar	B & B	12'-14' H.T.		5	
LS	Liquidambar styraciflua / American Sweet Gum	B & B	4"Cal		2	
LT	Liriodendron tulipifera / Tulip Tree	B & B	4"Cal		2	
OA	Oxydendrum arborum / Sourwood Tree	B & B	4"Cal		1	
PG	Pinus glauca / White Spruce	B & B	12'-14' H.T.		5	
PS	Pinus strobus / White Pine	B & B	12'-14' H.T.		7	
PA3	Pistinus x acerifolia / London Plane Tree	B & B	4"Cal		2	
QB	Quercus bicolor / Swamp White Oak	B & B	4"Cal		4	
QR	Quercus rubra / Red Oak	B & B	4"Cal		2	
SHRUBS	BOTANICAL NAME / COMMON NAME	CONT	SIZE	QTY	REMARKS	
IR	Ilex verticillata 'Red Sprite' / Red Sprite Winterberry	5 gal	2'-3'	89		
GROUND COVERS	CODE	BOTANICAL NAME / COMMON NAME	CONT	SPACING	QTY	REMARKS
	LL	Lawn seed mix / Lawn	seed		49,117 sf	
	RG	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	3 gal	36" o.c.	587 sf	
	TE	Taxus x media 'Everlow' / Yew	3 gal	36" o.c.	2,428 sf	
	VA	Vaccinium angustifolium / Lowbush Blueberry	1 gal	6' o.c.	18,226	

Number	Revision	Date

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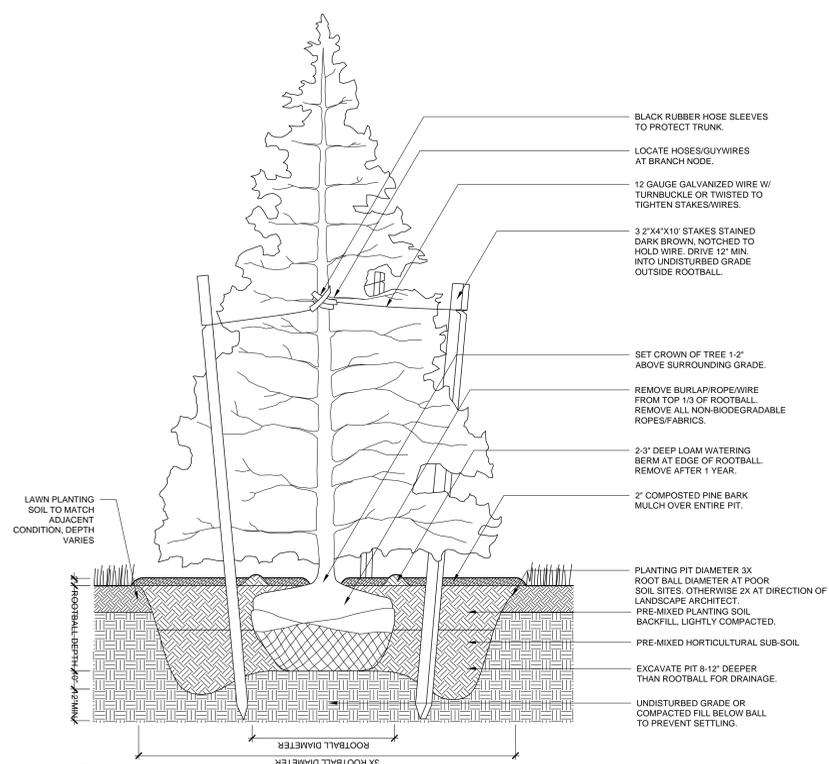
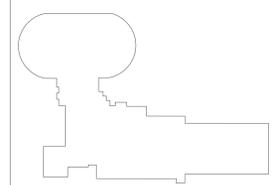
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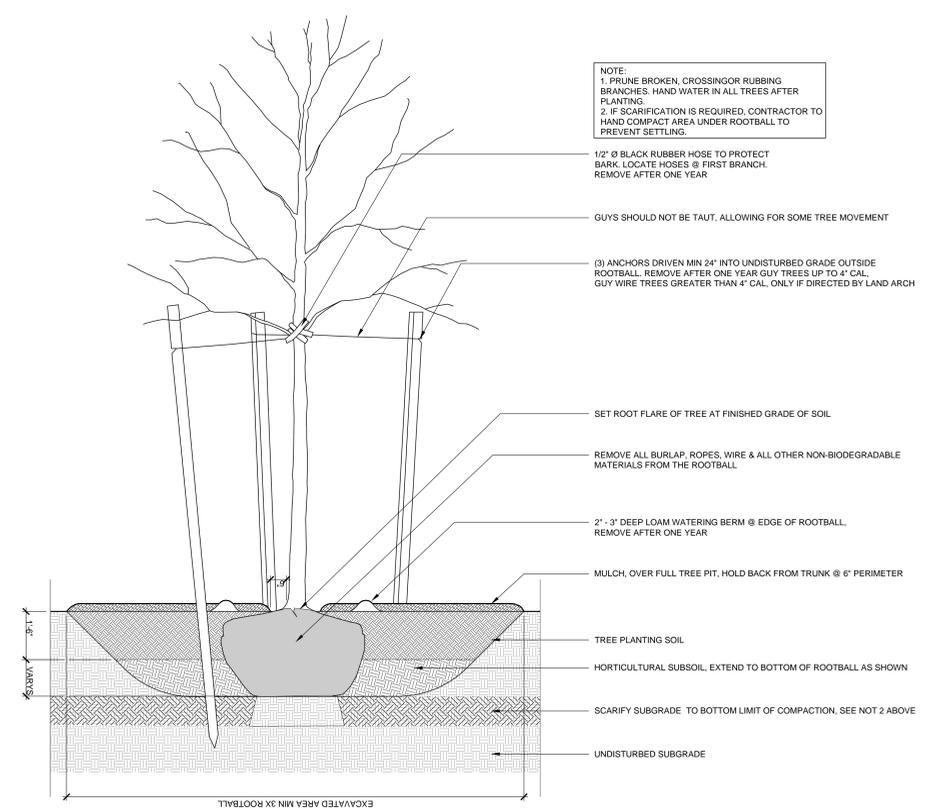
Drawing Title
PLANTING PLAN



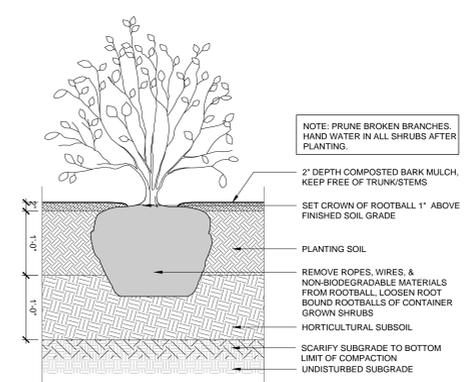
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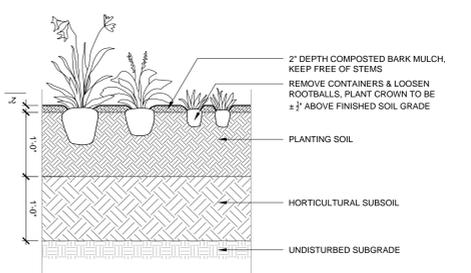
6 TREE PLANTING, EVERGREEN
 1/2" = 1'-0"



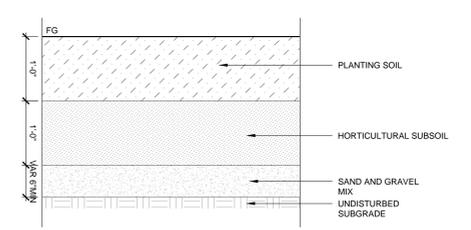
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 1/2" = 1'-0"



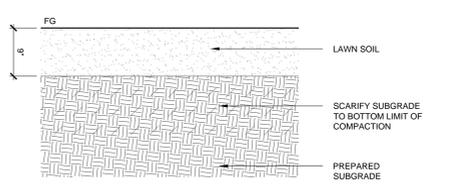
4 SHRUB PLANTING
 1" = 1'-0"



3 PERENNIAL AND GROUNDCOVER PLANTING
 1" = 1'-0"



2 BIO-RETENTION PLANTING SOIL PROFILE
 1" = 1'-0"



1 LAWN SOIL PROFILE
 1" = 1'-0"

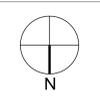


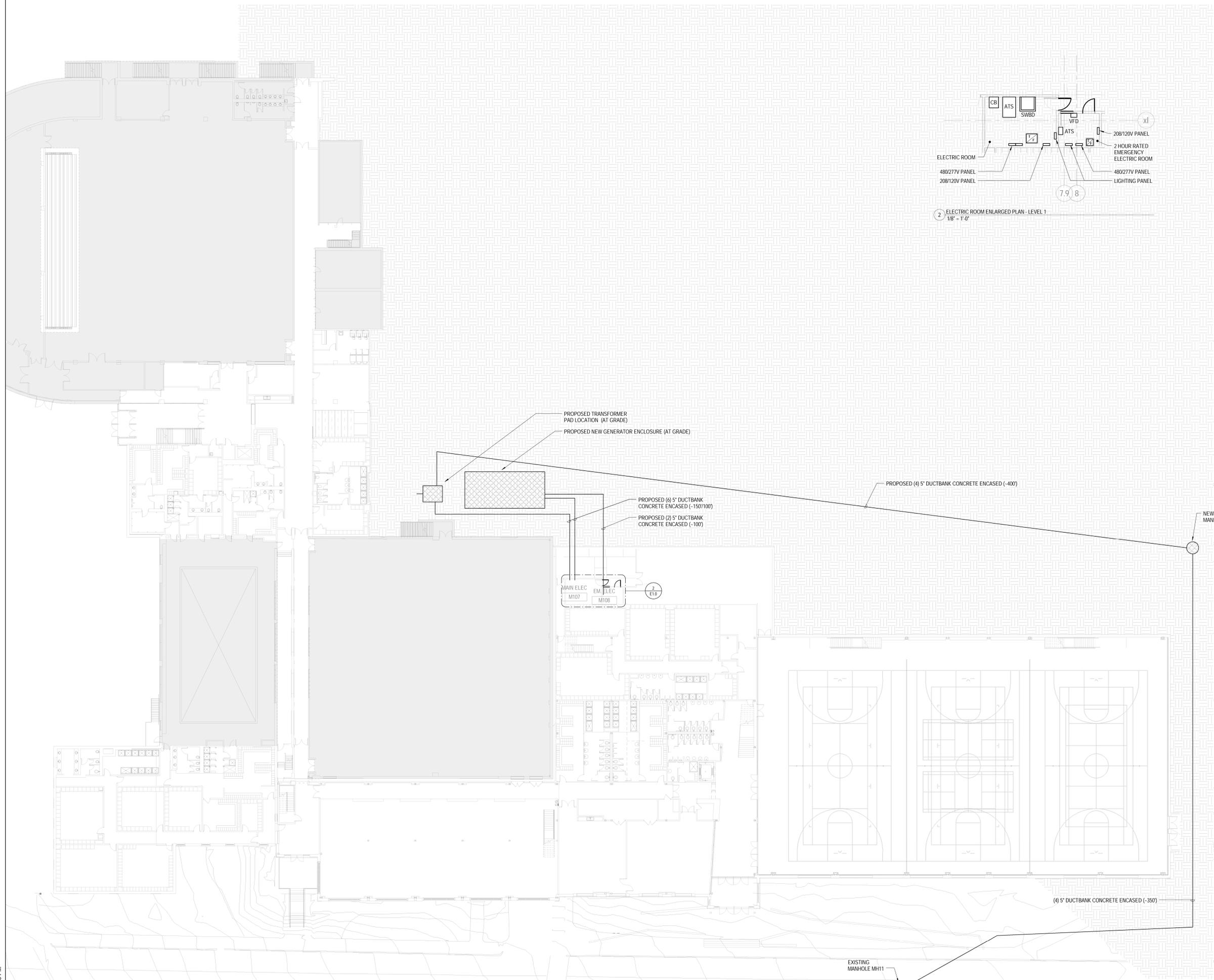
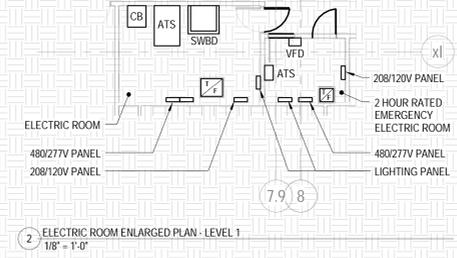
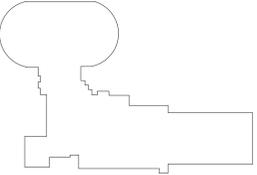
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Drawing Title
PLANTING DETAILS





Number	Revision	Date

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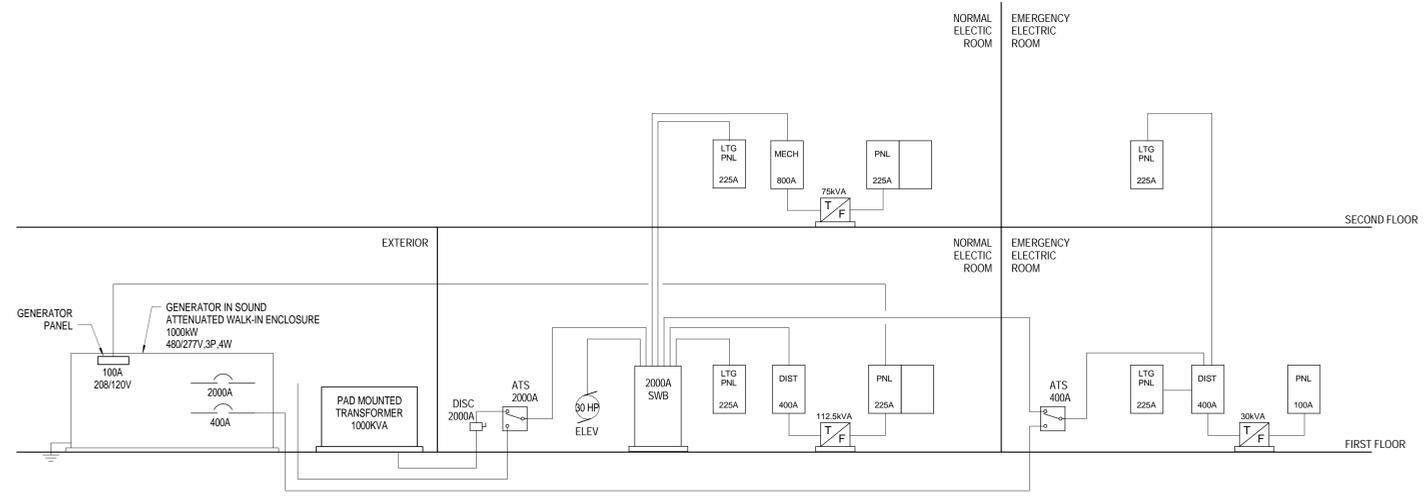
Drawn By RJM Checked MF

Date 10/13/2016

Scale As indicated

Drawing Title
ELECTRICAL SITE PLAN

E1.0



Number	Revision	Date

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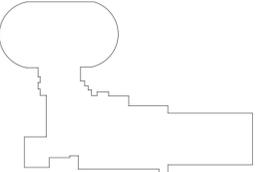
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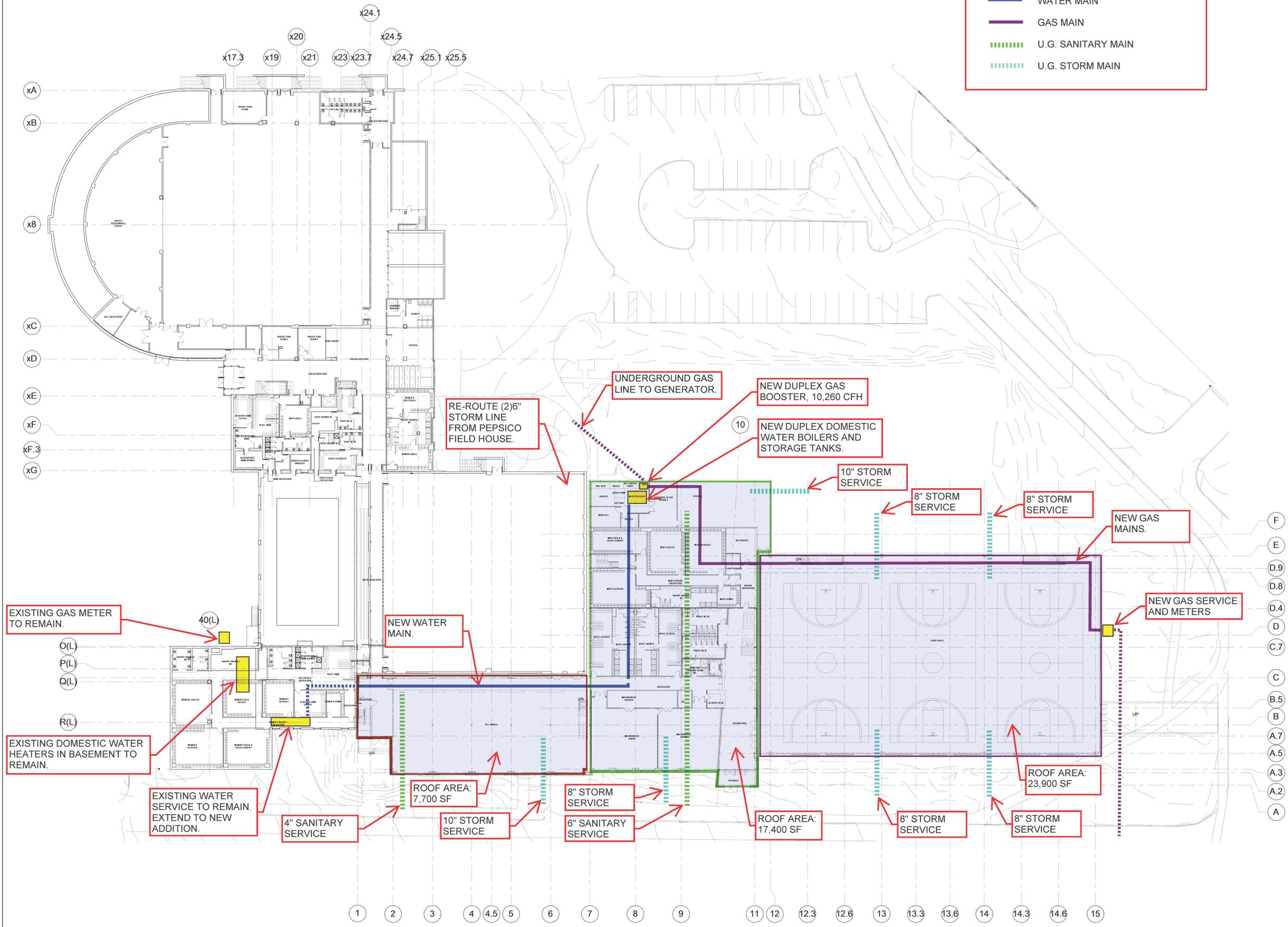
Drawing Title
ELECTRICAL RISER DIAGRAM

E5.0



PIPING LEGEND (DASHED IS PIPING RUNNING AT BASEMENT OR UNDER GROUND):

- WATER MAIN
- GAS MAIN
- - - U.G. SANITARY MAIN
- - - U.G. STORM MAIN



- (F)
- (E)
- (D.9)
- (D.8)
- (D.4)
- (D)
- (C.7)
- (C)
- (B.5)
- (B)
- (A.7)
- (A.5)
- (A.3)
- (A.2)
- (A)

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Project WEBSTER ATHLETIC CENTER RENOVATION AND EXPANSION

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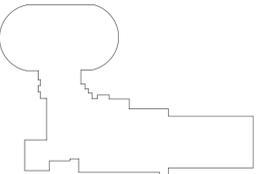
Date 10/13/2016

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Drawing Title

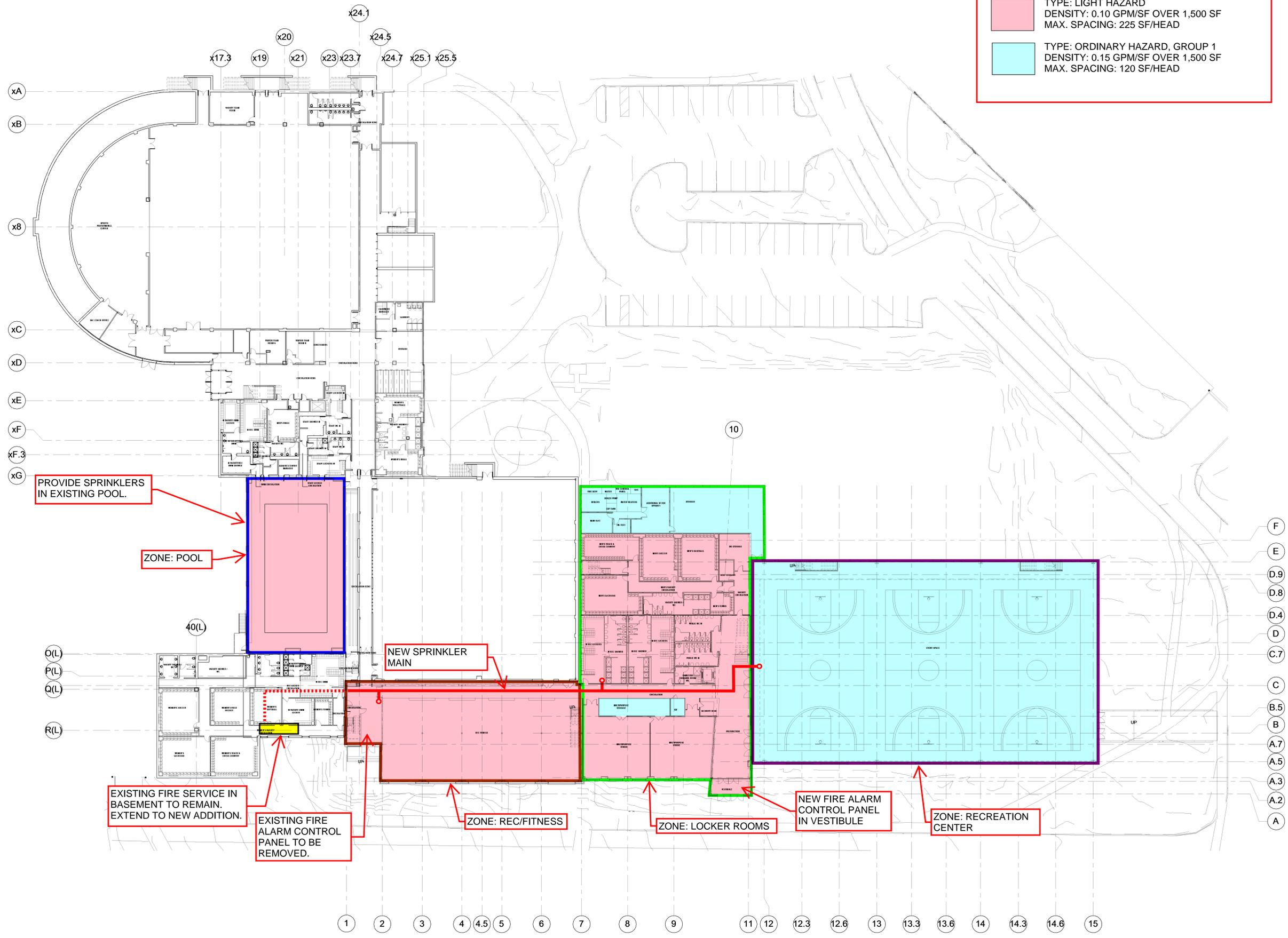
**PLUMBING PLAN
 LEVEL 1**

P1.1



SPRINKLER DESIGN DENSITIES:

- TYPE: LIGHT HAZARD
 DENSITY: 0.10 GPM/SF OVER 1,500 SF
 MAX. SPACING: 225 SF/HEAD
- TYPE: ORDINARY HAZARD, GROUP 1
 DENSITY: 0.15 GPM/SF OVER 1,500 SF
 MAX. SPACING: 120 SF/HEAD



PROVIDE SPRINKLERS IN EXISTING POOL.

ZONE: POOL

NEW SPRINKLER MAIN

EXISTING FIRE SERVICE IN BASEMENT TO REMAIN. EXTEND TO NEW ADDITION.

EXISTING FIRE ALARM CONTROL PANEL TO BE REMOVED.

ZONE: REC/FITNESS

ZONE: LOCKER ROOMS

NEW FIRE ALARM CONTROL PANEL IN VESTIBULE

ZONE: RECREATION CENTER

Number	Revision	Date

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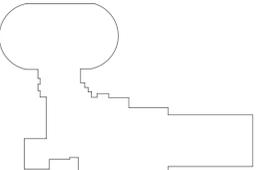
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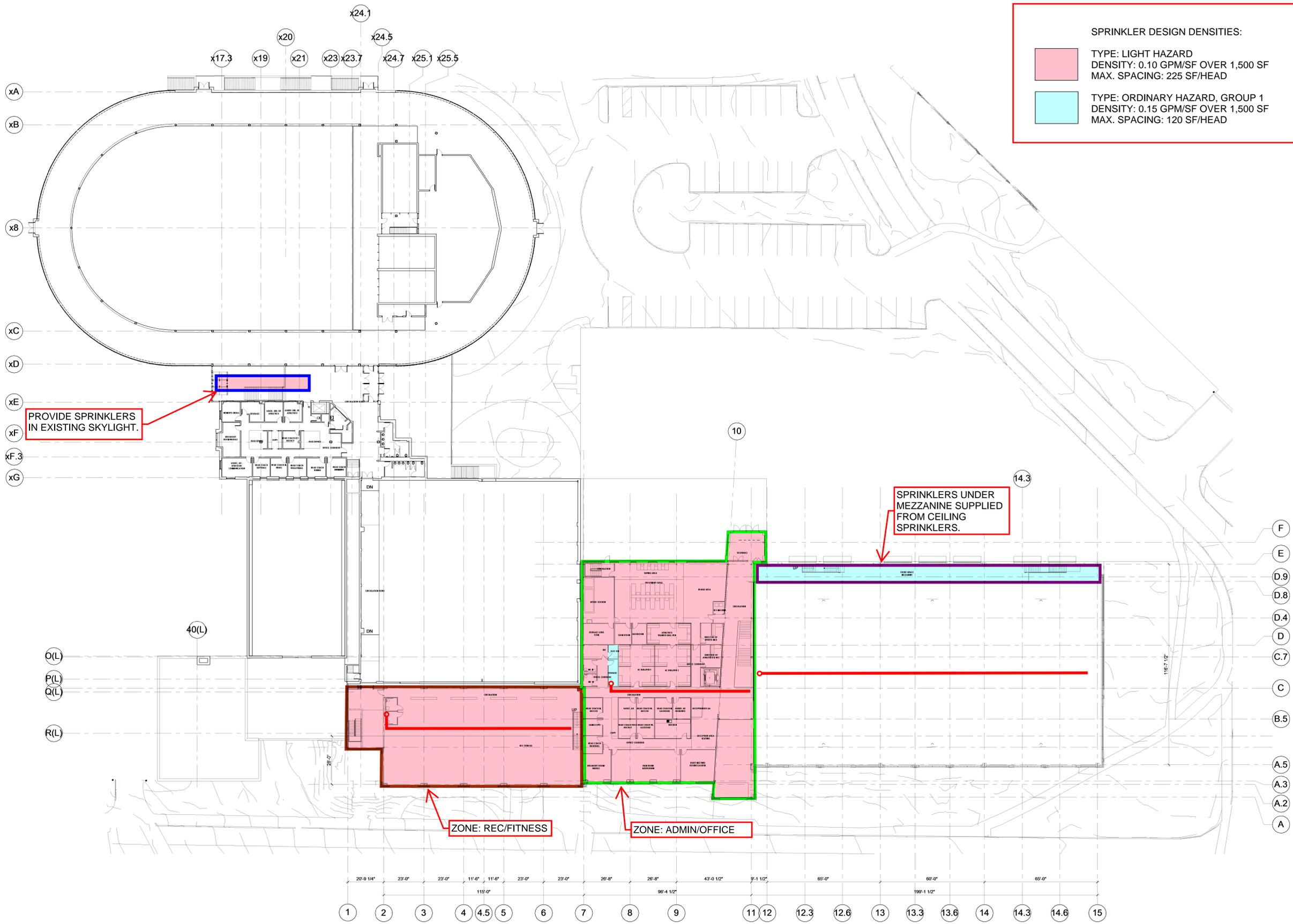
Drawing Title
FIRE PROTECTION LEVEL 1

FP1.1



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 DENSITY: 0.10 GPM/SF OVER 1,500 SF
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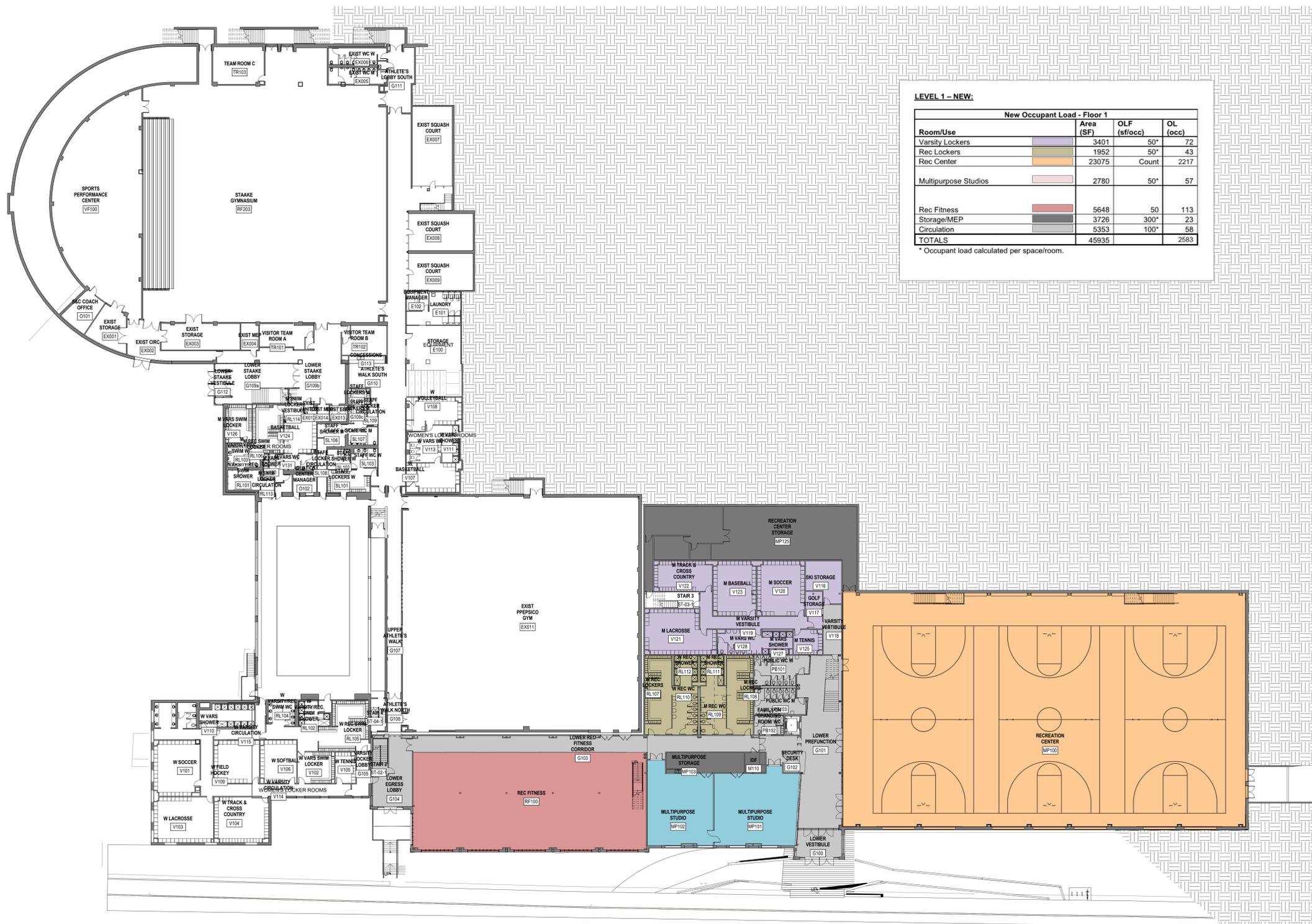
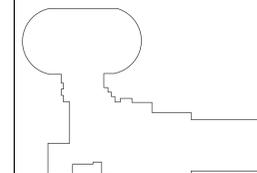
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Drawn By JWN Checked JWN

Date 10/13/2016
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Drawing Title
FIRE PROTECTION LEVEL 2

FP1.2



LEVEL 1 - NEW:

New Occupant Load - Floor 1			
Room/Use	Area (SF)	OLF (sf/occ)	OL (occ)
Varsity Lockers	3401	50*	72
Rec Lockers	1952	50*	43
Rec Center	23075	Count	2217
Multipurpose Studios	2780	50*	57
Rec Fitness	5648	50	113
Storage/MEP	3726	300*	23
Circulation	5353	100*	58
TOTALS	45935		2583

* Occupant load calculated per space/room.

Number	Revision	Date

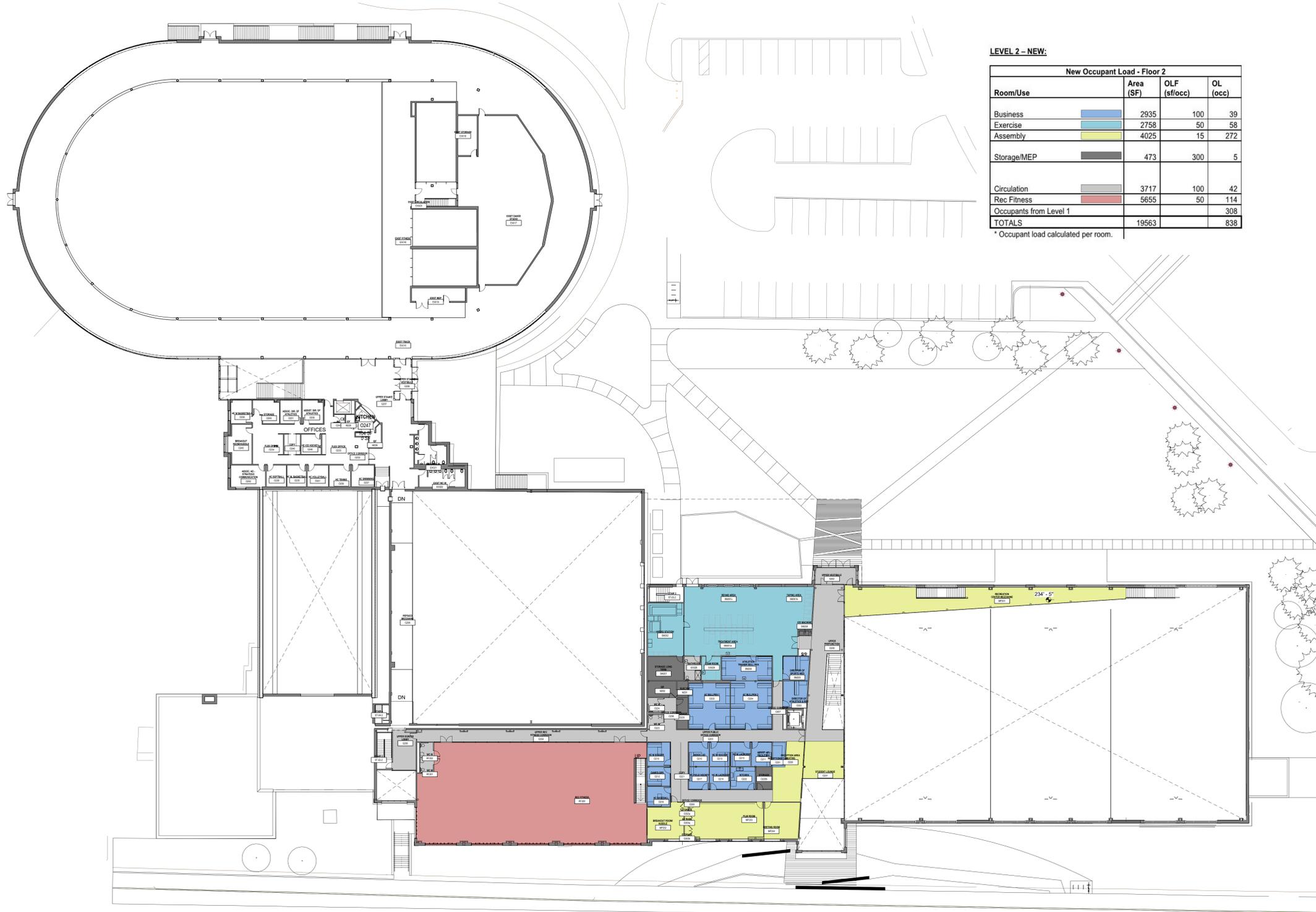
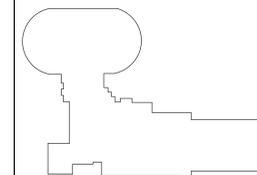


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Drawing Title:
**OCCUPANCY PLAN
 LEVEL 1**

O1.0



LEVEL 2 - NEW:

New Occupant Load - Floor 2			
Room/Use	Area (SF)	OLF (sf/occ)	OL (occ)
Business	2935	100	39
Exercise	2758	50	58
Assembly	4025	15	272
Storage/MEP	473	300	5
Circulation	3717	100	42
Rec Fitness	5655	50	114
Occupants from Level 1			308
TOTALS	19563		838

* Occupant load calculated per room.

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Drawing Title
**OCCUPANCY PLAN
LEVEL 2**

O2.0